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|--|--|---------------------------------------|-------------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13298-013US1 | Application No.<br><b>10/535331</b> |
|  | Applicant<br>Takeshi Matsumoto et al.                      |                                       |                                     |
|  | Filing Date<br>5/18/05                                     | Group Art Unit<br>1753                |                                     |

| U.S. Patent Documents |           |                 |                  |                |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
| C/W                   | AA        | US 2002/0086793 | 07/04/2002       | Labarge et al. |       |          |                            |
|                       | AB        |                 |                  |                |       |          |                            |
|                       | AC        |                 |                  |                |       |          |                            |
|                       | AD        |                 |                  |                |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |  |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|--|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation                              |    |
|   |           |                 |                  |                          |       |          | Yes                                      | No |
| C/W   | AE        | JP 60-125250    | 07/04/1985       | Japan *                  |       |          | Abstract                                 |    |
|   | AF        | JP 2-139040     | 05/29/1990       | Japan *                  |       |          | Partial translation                      |    |
|   | AG        | JP 05-220403    | 08/31/1993       | Japan *                  |       |          | Abstract and partial translation thereof |    |
|   | AH        | JP 07-008754    | 01/13/1995       | Japan *                  |       |          | Abstract and partial translation thereof |    |
|   | AI        | JP 07-144134    | 06/06/1995       | Japan *                  |       |          | Abstract and partial translation thereof |    |
|   | AJ        | JP 08-173761    | 07/09/1996       | Japan *                  |       |          | Abstract and partial translation thereof |    |
| C/W   | AK        | JP 11-300211    | 11/02/1999       | Japan *                  |       |          | Abstract and partial translation thereof |    |

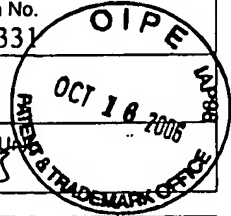
| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
|   | AL        |          |

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| Examiner Signature<br>W DOD  | Date Considered<br>3/22/07 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

Substitute Disclosure Form (PTO-1449)

\* considered to extent of abstracts and/or translations.

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|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13298-013US1 | Application No.<br>10/535,331 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Takeshi Matsumoto et al. |                               |
|  |  | Filing Date<br>May 18, 2005           | Group Art Unit<br>1755        |



| U.S. Patent Documents |           |                 |                  |          |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | AA        |                 |                  |          |       |          |                            |
|                       | AB        |                 |                  |          |       |          |                            |
|                       | AC        |                 |                  |          |       |          |                            |
|                       | AD        |                 |                  |          |       |          |                            |
|                       | AE        |                 |                  |          |       |          |                            |
|                       | AF        |                 |                  |          |       |          |                            |
|                       | AG        |                 |                  |          |       |          |                            |
|                       | AH        |                 |                  |          |       |          |                            |
|                       | AI        |                 |                  |          |       |          |                            |
|                       | AJ        |                 |                  |          |       |          |                            |
|                       | AK        |                 |                  |          |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
| allw  | AL        | 07-289910       | 11/07/1995       | JP                       | B01J  | 29/46    |             |    |
|   | AM        |                 |                  |                          |       |          |             |    |
|   | AN        |                 |                  |                          |       |          |             |    |
|   | AO        |                 |                  |                          |       |          |             |    |
|   | AP        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |          |
|---|-----------|----------|
| Examiner Initial  | Desig. ID | Document |
|   | AQ        |          |
|   | AR        |          |
|   | AS        |          |
|   | AT        |          |

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|--|-----------------------------------|
| Examiner Signature<br><i>WJWD</i>  | Date Considered<br><i>3/22/07</i> |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                                   |

*SA considered to extent of abstract*